What is claimed is:

1	1. An image scanning lens comprising, in order from the object side with no intervening lens
2	element:
3	a first lens component having positive refractive power and a meniscus shape with its
4	convex surface on the object side and including a first lens element having positive refractive
5	power and a meniscus shape with its convex surface on the object side;
6	a second lens component having a biconcave shape and including a second lens element
7	having a biconcave shape;
8	a third lens component having a biconvex shape and including a third lens element having
9	a biconvex shape;
10	a fourth lens component having negative refractive power and a concave surface on the
11	object side and including a fourth lens element having negative refractive power and a concave
12	surface on the object side;
13	wherein the following conditions are satisfied:
14	$\theta_{\rm gd} > -2.083 \cdot 10^{-3} \cdot \nu_{\rm d} + 1.366$ for said first lens element,
15	θ_{gd} < -2.083 · 10 ⁻³ · ν_d + 1.364 for at least one of said second lens element and said
16	fourth lens element,
17	where
18	v_d is the Abbe number at the d-line (587.56 nm) of the lens material of the lens
19	element being considered, and
20	$\theta_{gd} = (N_g - N_d) / (N_F - N_C)$
21	where
22	N_g is the refractive index at the g-line ($\lambda = 435.83$ nm) of the lens material of the
23	lens element being considered,
24	N_d is the refractive index at the d-line ($\lambda = 587.56$ nm) of the lens material of the
25	lens element being considered,
26	N_F is the refractive index at the F-line ($\lambda = 486.13$ nm) of the lens material of the
27	lens element being considered, and

- N_C is the refractive index at the C-line ($\lambda = 656.27$ nm) of the lens material of the lens element being considered.
 - 1 2. The image scanning lens of claim 1, wherein each of said first lens component, said second
- lens component, said third lens component, and said fourth lens component is formed of a single
- 3 lens element.
- 1 3. The image scanning lens of claim 1, wherein the image scanning lens is formed of only four
- 2 lens components.
- 4. The image scanning lens of claim 3, wherein each of said first lens component, said second
- 2 lens component, said third lens component, and said fourth lens component is formed of a single
- 3 lens element.
- 5. The image scanning lens of claim 1, wherein said fourth lens element is a biconcave lens
- 2 element and the second lens element is made of a material that satisfies the condition
- 3 $\theta_{\rm gd} < -2.083 \cdot 10^{-3} \cdot \nu_{\rm d} + 1.364$.
- 1 6. The image scanning lens of claim 5, wherein the following conditions are satisfied:
- 0.45 < f1 / f < 0.66
- 0.36 < |f2| / f < 0.40
- 4 0.31 < | f4 | / f < 0.52
- 5 where
- fl is the focal length of said first lens component,
- 7 f2 is the focal length of said second lens component,
- 8 f4 is the focal length of said fourth lens component, and
- 9 f is the focal length of the image scanning lens.
- 7. The image scanning lens of claim 2, wherein said fourth lens element is a biconcave lens
- 2 element and the second lens element is made of a material that satisfies the condition
- $3 \qquad \quad \theta_{\rm gd} \! < \text{-2.083} \, \cdot 10^{\text{-3}} \cdot \nu_d + 1.364.$

- 1 8. The image scanning lens of claim 7, wherein the following conditions are satisfied:
- 0.45 < f1 / f < 0.66
- 0.36 < |f2| / f < 0.40
- 4 0.31 < | f4 | / f < 0.52
- 5 where
- fl is the focal length of said first lens component,
- 7 f2 is the focal length of said second lens component,
- 8 f4 is the focal length of said fourth lens component, and
- 9 f is the focal length of the image scanning lens.
- 9. The image scanning lens of claim 3, wherein said fourth lens element is a biconcave lens
- 2 element and the second lens element is made of a material that satisfies the condition
- 3 $\theta_{ed} < -2.083 \cdot 10^{-3} \cdot v_d + 1.364$.
- 1 10. The image scanning lens of claim 9, wherein the following conditions are satisfied:
- 0.45 < f1 / f < 0.66
- 0.36 < | f2 | / f < 0.40
- 4 0.31 < | f4 | / f < 0.52
- 5 where
- fl is the focal length of said first lens component,
- 7 f2 is the focal length of said second lens component,
- 8 f4 is the focal length of said fourth lens component, and
- 9 f is the focal length of the image scanning lens.
- 1 11. The image scanning lens of claim 4, wherein said fourth lens element is a biconcave lens
- 2 element and the second lens element is made of a material that satisfies the condition
- $3 \qquad \quad \theta_{gd} < -2.083 \, \cdot \, 10^{\text{--}3} \cdot \nu_d + 1.364.$
- 1 12. The image scanning lens of claim 11, wherein the following conditions are satisfied:
- 0.45 < f1 / f < 0.66

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0.36 < | f2 | / f < 0.40
3
4
                       0.31 < | f4 | / f < 0.52
5
       where
6
               fl is the focal length of said first lens component,
7
               f2 is the focal length of said second lens component,
8
               f4 is the focal length of said fourth lens component, and
9
               f is the focal length of the image scanning lens.
1
       13. The image scanning lens of claim 1, wherein the following conditions are satisfied:
2
                       0.45 < f1 / f < 0.98
                       0.34 < | f2 | / f < 0.40
3
                       0.31 < | f4 | / f < 0.56
4
5
       where
6
               fl is the focal length of said first lens component,
               f2 is the focal length of said second lens component,
7
8
               f4 is the focal length of said fourth lens component, and
9
               f is the focal length of the image scanning lens.
       14. The image scanning lens of claim 2, wherein the following conditions are satisfied:
1
2
                       0.45 < f1 / f < 0.98
3
                       0.34 < | f2 | / f < 0.40
                       0.31 < | f4 | / f < 0.56
4
5
       where
6
               fl is the focal length of said first lens component,
7
               f2 is the focal length of said second lens component,
               f4 is the focal length of said fourth lens component, and
8
9
               f is the focal length of the image scanning lens.
        15. The image scanning lens of claim 3, wherein the following conditions are satisfied:
1
                       0.45 < f1 / f < 0.98
2
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0.34 < | f2 | / f < 0.40

3

4 0.31 < | f4 | / f < 0.56

- 5 where
- fl is the focal length of said first lens component,
- 7 f2 is the focal length of said second lens component,
- 8 f4 is the focal length of said fourth lens component, and
- 9 f is the focal length of the image scanning lens.
- 1 16. The image scanning lens of claim 4, wherein the following conditions are satisfied:
- 2 0.45 < f1 / f < 0.98
- 0.34 < | f2 | / f < 0.40
- 4 0.31 < | f4 | / f < 0.56
- 5 where
- fl is the focal length of said first lens component,
- 7 f2 is the focal length of said second lens component,
- 8 f4 is the focal length of said fourth lens component, and
- 9 f is the focal length of the image scanning lens.
- 1 17. The image scanning lens of claim 1, in combination with an image scanning device that
- 2 includes an image pickup device for receiving an image formed by the image scanning lens.
- 1 18. The image scanning lens of claim 2, in combination with an image scanning device that
- 2 includes an image pickup device for receiving an image formed by the image scanning lens.
- 1 19. The image scanning lens of claim 3, in combination with an image scanning device that
- 2 includes an image pickup device for receiving an image formed by the image scanning lens.
- 1 20. The image scanning lens of claim 4, in combination with an image scanning device that
- 2 includes an image pickup device for receiving an image formed by the image scanning lens.